WHAT IS CLAIMED, IS

1. A process for the relative locating of a first electrical appliance plugged into a first part of an electrical network and a second electrical appliance plugged into a second part of the electrical network

comprising the following steps:

- measurement of a first number of alternations or of electrical periods on the first part by the first electrical appliance from the energizing of the first part and up to transmission of a signal by the first electrical appliance;

- measurement of a second number of alternations or of electrical periods on the second part by the second electrical appliance from the energizing of the second part and up to receipt of a signal from the first electrical appliance;

- comparison of the first number with the second number.

2. A process according to Claim 1, with a step of:

- exchange of the first number or of the second number by a communication between the first electrical appliance and the second electrical appliance.

3. A process according to Claim 2, wherein the communication is a communication by carrier currents.

4. A process according to Claim 2, wherein said signal corresponds to the start signal for the communication.

5. A process according to Claim 1, with a step posterior to the said comparison whose nature depends on the difference between the first number and the second number.

6. A process according to Claim 1, wherein the transmission of said signal takes place after a specified duration determined by the first electrical appliance.

7. A process according to Claim 6, wherein the specified duration lies between 1 s and 20 s.

8. A process according to Claim 6, wherein the specified duration has at least one random or pseudo-random component.

9. A process for locating a first electrical appliance plugged into a first part of an electrical network relative to a second electrical appliance plugged into a second part of the electrical network

comprising the following steps:

- measurement of a first number of alternations or of electrical periods on the first part by the first electrical appliance from the energizing of the first part and up to the start of a communication with the second electrical appliance;

- receipt by the first electrical appliance of a second number of alternations or of electrical periods on the second part measured by the second electrical appliance from the energizing of the second part to the start of communication;

- comparison of the first number with the second number.

10. A process for the relative locating of a first electrical appliance plugged into a first part of an electrical network and a second electrical appliance plugged into a second part of the electrical network

comprising the following steps:

- measurement according to a specified criterion of a first characteristic related to the electrical signal on the first part by the first electrical appliance;

- measurement according to said criterion of a second characteristic related to the electrical signal on the second part by the second electrical appliance;

- comparison of the first characteristic with the second characteristic.

11. A process for decrypting a digital content by a first electrical appliance plugged into a first part of an electrical network, a second electrical appliance being plugged into a second part of the electrical network,

comprising the following steps:

- measurement according to a specified criterion of a first characteristic related to the electrical signal on the first part;

- measurement according to said criterion of a second characteristic related to the electrical signal on the second part;

- comparison of the first characteristic with the second characteristic;

- decryption if and only if the result of the comparison is positive.

12. A process according to Claim 11, wherein the result of the comparison is positive if and only if the first characteristic is equal to the second characteristic.

13. A process according to Claim 11, wherein the result of the comparison is positive if and only if the first characteristic differs from the second characteristic by less than a predetermined tolerance value.

14. A process according to Claim 11, with a step of:

- exchange of the first characteristic or of the second characteristic by a communication by carrier currents.

15. A process according to Claim 11, wherein the first electrical appliance and the second electrical appliance are digital decoders.